Thermochimica Acta, 234 (1994) 329
Elsevier Science Publishers B.V., Amsterdam

AUTHOR INDEX

Arnold, M. 139
Atamny, F. 53

Balek, V. 221
Blöcker, J. 53
Boldyrev, V.V. 269
Boller, A. 95, 103

Cheng, J. 95
Cyrys, J. 139

Deutsch, Y. 275
Dubler, E. 201

Elder, J.P. 153

Fink, H. 287
Franke, R. 263
Friedrich, G. 287

Gallagher, P.K. 255
Gast, Th. 1
Giovanoli, R. 303
Günter, J.R. 297
Györyová, K. 221

Hänggi, G. 201
Heide, K. 263
Henschke, B. 53
Horsák, I. 233

Jin, Y. 95, 103

Kanari, K. 41
Kettrup, A. 127, 139

Lahav, N. 275
Lamprecht, I. 179
Lapides, I. 275
Lebedev, B.V. 103
Loiacono, D.L. 255
Loiacono, G.M. 255
Ludwig, W. 139

Maciejewski, M. 315
Mallon, H.-J. 139
Markova, K.I. 85
Matuschek, G. 127, 139
McGhie, A.R. 21
Michaelian, K.H. 275
Mitrofanova, R.P. 269

Nasser, A. 275

Odlyha, M. 165
Ohrbach, K.-H. 127
Oswald, H.-R. 315
Ozawa, T. 41

Perrenot, B. 31

Reller, A. 315
Ritz, M. 139
Rustschev, D. 85

Schlögl, R. 53
Schubert, H. 53
Scott, R.P.W. 165
Seifert, H.J. 287
Šesták, J. 233
Sidel'nikov, A.A. 269
Štěpánek, B. 233
Stoffers, H. 127

Tissot, P. 245

Utschick, H. 139

Widmann, G. 31
Wunderlich, B. 95, 103

Xu, X.-L. 297

Yariv, S. 275

Zeleňák, V. 221
Zhong, Z. 255

Thermochimica Acta, 234 (1994) 331–335
Elsevier Science B.V., Amsterdam

SUBJECT INDEX

Ageing
The 'enthalpic' value of paintings 165
Allotropy
Polymorphism by differential scanning calorimetry 31
Alumina
DTA determination of liquidus temperatures and Al_2O_3 and AlF_3 content in cryolitic melts 245
Aluminium fluoride
DTA determination of liquidus temperatures and Al_2O_3 and AlF_3 content in cryolitic melts 245
Apis
bjt. Calorimetric investigations around a royal hieroglyph 179
Arsenate
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
Ash
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Atmosphere
Beispiele aus der Entwicklung von Waagen für physikalisch-chemische Messungen in kontrollierten Atmosphären 1
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Thermogravimetry of manganese dioxides 303

Balance
Beispiele aus der Entwicklung von Waagen für physikalisch-chemische Messungen in kontrollierten Atmosphären 1
bjt
bjt. Calorimetric investigations around a royal hieroglyph 179
Bomb calorimetry
bjt. Calorimetric investigations around a royal hieroglyph 179
Boundary
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233
Bronze
The thermogravimetric analysis of Sn–W bronzes 297

Caesium chloride
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
Calcite
Thermal transformations of vaterite and calcite 315
Calcium carbonate
Thermal transformations of vaterite and calcite 315
Calorimetry
Heat capacities and transitions in *n*-perfluoroalkanes and poly(tetrafluoroethylene) 103
Thermochemical investigations on chloroelpasolites of lanthanum 287
Carbon
Mechanistic aspects of the reaction between carbon and oxygen 53
Coal
The application of thermal analysis to the study of ignition processes of solid fuels 85
Competitve reactions
A method for kinetic analysis of thermoanalytical data of competitive reactions 41
Coupled technique
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
The application of thermal analysis to the study of ignition processes of solid fuels 85
The 'enthalpic' value of paintings 165
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275

Crystallinity
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95

Decomposition
Thermal degradation and crystallographic data of metal complexes of oxopurines and thiopurines 201
Degassing
Some aspects concerning the influence of sampling procedure on the results of gas extraction experiments 263
Degradation
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
Dehydration
Thermophysical characterization studies of pharmaceutical hydrates 153
Relaxation of mechanical stress by fracture as a reason for autolocalization of topochemical solid state reactions 269
Thermogravimetry of manganese dioxides 303
Drug
Thermophysical characterization studies of pharmaceutical hydrates 153
DSC
Polymorphism by differential scanning calorimetry 31
Heat capacities and transitions in *n*-perfluoroalkanes and poly(tetrafluoroethylene) 103
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
Thermophysical characterization studies of pharmaceutical hydrates 153
The 'enthalpic' value of paintings 165
bjt. Calorimetric investigations around a royal hieroglyph 179
Thermochemical investigations on chloroelpasolites of lanthanum 287
DTA
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
The application of thermal analysis to the study of ignition processes of solid fuels 85
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
DTA determination of liquidus temperatures and Al_2O_3 and AlF_3 content in cryolitic melts 245
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
Thermochemical investigations on chloroelpasolites of lanthanum 287
Thermal transformations of vaterite and calcite 315
DTG
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
Thermogravimetry of manganese dioxides 303

EGA
A method for kinetic analysis of thermoanalytical data of competitive reactions 41
Some aspects concerning the influence of sampling procedure on the results of gas extraction experiments 263
Elpasolite
Thermochemical investigations on chloroelpasolites of lanthanum 287

Fracture
Relaxation of mechanical stress by fracture as a reason for autolocalization of topochemical solid state reactions 269
FTIR
A method for kinetic analysis of thermoanalytical data of competitive reactions 41
Fuel
The application of thermal analysis to the study of ignition processes of solid fuels 85
Fullerene
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21

Gas
Some aspects concerning the influence of sampling procedure on the results of gas extraction experiments 263
GC
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
The 'enthalpic' value of paintings 165
Glass
Some aspects concerning the influence of

sampling procedure on the results of gas extraction experiments 263
Glass transition
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95

Heat capacity
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95
Heat capacities and transitions in *n*-perfluoroalkanes and poly(tetrafluoroethylene) 103
Heat of transition
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95
Honey
bjt. Calorimetric investigations around a royal hieroglyph 179
HTSC
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233

Inhibitor
The application of thermal analysis to the study of ignition processes of solid fuels 85
Intercalation
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
IRS
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275

Kaolinite
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
Kinetics
A method for kinetic analysis of thermoanalytical data of competitive reactions 41

Lacquer
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Lanthanum
Thermochemical investigations on chloroelpasolites of lanthanum 287
Lattice enthalpy
Thermochemical investigations on chloroelpasolites of lanthanum 287
Liquidus
DTA determination of liquidus temperatures and Al_2O_3 and AlF_3 content in cryolitic melts 245

Magnetic suspension
Beispiele aus der Entwicklung von Waagen für physikalisch-chemische Messungen in kontrollierten Atmosphären 1
Manganese dioxide
Thermogravimetry of manganese dioxides 303
Melt
DTA determination of liquidus temperatures and Al_2O_3 and AlF_3 content in cryolitic melts 245
Microcalorimetry
bjt. Calorimetric investigations around a royal hieroglyph 179
Mixed oxide
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
MS
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
The 'enthalpic' value of paintings 165

Non-isothermal
A method for kinetic analysis of thermoanalytical data of competitive reactions 41
Thermophysical characterization studies of pharmaceutical hydrates 153
Novel
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
Nucleation
Relaxation of mechanical stress by fracture as a reason for autolocalization of topochemical solid state reactions 269

Oil
The application of thermal analysis to the study of ignition processes of solid fuels 85
Oxide
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233

Oxopurine
Thermal degradation and crystallographic data of metal complexes of oxopurines and thiopurines 201
Oxygen
Mechanistic aspects of the reaction between carbon and oxygen 53

Paint
The 'enthalpic' value of paintings 165
Painting
The 'enthalpic' value of paintings 165
PGC
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
Phase boundary
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233
Polymer
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95
Heat capacities and transitions in *n*-perfluoroalkanes and poly(tetrafluoroethylene) 103
Polymorphism
Polymorphism by differential scanning calorimetry 31
Thermal transformations of vaterite and calcite 315
Post-chlorinated PVC
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
Program
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233
Propolis
bjt. Calorimetric investigations around a royal hieroglyph 179
Pseudobinary system
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233
PVC
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
PY
The 'enthalpic' value of paintings 165
Pyrolysis
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127

Reference material
The 'enthalpic' value of paintings 165
Relaxation
Relaxation of mechanical stress by fracture as a reason for autolocalization of topochemical solid state reactions 269
Royal jelly
bjt. Calorimetric investigations around a royal hieroglyph 179

SEC
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
Self-ignition
The application of thermal analysis to the study of ignition processes of solid fuels 85
SEM
Thermal transformations of vaterite and calcite 315
Stability
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
STM
Mechanistic aspects of the reaction between carbon and oxygen 53
Stoichiometry
The thermogravimetric analysis of Sn–W bronzes 297
Stress
Relaxation of mechanical stress by fracture as a reason for autolocalization of topochemical solid state reactions 269

TA
The application of thermal analysis to the study of ignition processes of solid fuels 85
Study on the thermal degradation of varnishing systems for metallic paints applied in the automobile industry 127
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
TD
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
TEM
Thermogravimetry of manganese dioxides 303
Ternary system
Simple computer program used for the calculation of stable and metastable phase boundary lines for the pseudobinary edges in the $BaO–CuO_x–YO_{1.5}$ system 233

TG
Simultaneous thermogravimetry–differential thermal analysis–mass spectrometry (TG–DTA–MS) using a heated capillary interface 21
The application of thermal analysis to the study of ignition processes of solid fuels 85
Thermophysical characterization studies of pharmaceutical hydrates 153
Thermal degradation and crystallographic data of metal complexes of oxopurines and thiopurines 201
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
The thermal expansion and stability of $KTiOAsO_4$ and related compounds 255
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
Thermogravimetry of manganese dioxides 303
Thermal transformations of vaterite and calcite 315
TGA
Investigations on the thermal degradation of post-chlorinated polyvinyl chloride 139
The thermogravimetric analysis of Sn–W bronzes 297
Thiopurine
Thermal degradation and crystallographic data of metal complexes of oxopurines and thiopurines 201
Titration
Mechanistic aspects of the reaction between carbon and oxygen 53
Transformation
Thermal transformations of vaterite and calcite 315
Transition
Polymorphism by differential scanning calorimetry 31
Analysis of the thermal properties and motion in crystalline *trans*-1,4-poly(butadiene) 95
Heat capacities and transitions in *n*-perfluoroalkanes and poly(tetrafluoroethylene) 103
Thermophysical characterization studies of pharmaceutical hydrates 153
Thermogravimetry of manganese dioxides 303
Thermal transformations of vaterite and calcite 315

Vaterite
Thermal transformations of vaterite and calcite 315

Wax
bjt. Calorimetric investigations around a royal hieroglyph 179

XRC
Thermal degradation and crystallographic data of metal complexes of oxopurines and thiopurines 201
XRD
Mechanistic aspects of the reaction between carbon and oxygen 53
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221
Thermal treatment of the kaolinite/CsCl/H_2O intercalation complex 275
The thermogravimetric analysis of Sn–W bronzes 297
Thermogravimetry of manganese dioxides 303
Thermal transformations of vaterite and calcite 315

Zinc formate
Thermal stability of zinc formate complex compounds containing urea, thiourea and caffeine 221